

NICOP AWARDS: SEP 2002

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION	INTERNATIONAL INSTITUTION	COUNTRY
Round 9	Sep-02				
N03-07	ADAPTIVE CONTENT ACQUISITION FOR INFORMATION AGENTS	DR. BEHZAD KAMGAR-PARSI, ONR311	NONE	U COLLEGE DUBLIN	IRELAND
N03-09	MONITORING AND META-REASONING IN MULTI-AGENT SYSTEMS	MR. GARY TOTH, ONR311	NRL, SPAWAR SC	CZECH TECH U IN PRAGUE	CZECH REP
N03-12	THE SCIENCE AND DESIGN OF BLAST-RESISTANT SANDWICH STRUCTURES	FISHMAN, DR. STEVEN, ONR 332	NONE	CAMBRIDGE U ENGINEERING DEPT	UK
N03-14	NANOELECTRONICS (SPINTRONICS) FOR INFORMATION PROCESSING AND QUANTUM COMPUTING	COOPER, DR. LARRY R., ONR 312	HARVARD, STANFORD, UCSB	U OF WURZBURG; U OF BASEL; DELFT U OF TECHNOLOGY; UNIVERSITY GRATZ	GERMANY
N03-15	NUMERICAL MODELLING OF OSCILLATING FOILS FOR UNDERWATER PROPULSION	SWEAN, THOMAS F. JR.; ONR CODE 321	MIT	DEPT OF ENVIRONMENTAL ENGINEERING; UNIVERSITY OF GENOVA	ITALY
N03-16	EVALUATION OF ROYAL SCHELDE DOUBLE HULL Y-SUPPORT	BARSOUM, ROSHDY, ONR CODE 334	NSWC/CD	SCHELDE SHIPYARD	NL
N03-18	INFRARED TRANSMITTING HOLLOW CORE PHOTONIC BAND GAP FIBERS	SANGHERA, DR. JAS S.; NRL CODE 5606 AND KEUTHAN, LYNN; DEFENSE INFORMATION SYSTEM AGENCY	NRL	U OF BATH	UK
N03-23 (FY02 Award)	COLLABORATIVE METHANE HYDRATE PROGRAM--CHILE	DR. RICH COFFIN, NRL CODE 6115	NRL	UNIVERSIDAD CATOLICA DE VALPARAISO	CHILE, JAPAN
N03-24	TOWARD IMPLEMENTATION OF SHADOWING TECHNIQUES IN DATA ASSIMILATION AND ENSEMBLE PREDICTION	CHANG, DR. SIMON; CODE 322	NRL	CT FOR APPLIED DYNAMICS AND OPTIMIZATION, DEPT OF MATH & STATISTICS, U OF W. AUSTRALIA	AUSTRALIA
N03-28	KUROSHIO VARIABILITY ON THE SHELF OF THE EAST CHINA SEA	MURRAY, DR. STEPHEN, ONR CODE 32	URI	PHY OCEANOGRAPHY PROGRAM	KOREA

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION	INTERNATIONAL INSTITUTION	COUNTRY
Round 9	Sep-02				
N03-29	RESIDUAL STRENGTH AND STIFFNESS OF BLAST DAMAGED COMPOSITE PANELS	BARSOUM, ROSHDY GEORGE S.ONR CODE 334	USNA	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY, AND MEDICINE; DEPT. OF CIVIL & ENVIR ENG; LONDON	UK
N03-30	PROVISION OF QUALITY OF SERVICE IN WIRELESS NETWORKS	MR. FRANK DECKELMAN, ONR311	NRL	QUEEN MARY UNIVERSITY OF LONDON	UK
N03-31	ASYNCHRONOUS ARCHITECTURES FOR WIRELESS MOBILE COMPUTING	MR. FRANK DECKELMAN, ONR311	MSU	U OF EDINBURGH	UK
N03-37	COASTAL SURVEILLANCE & MULTIFREQUENCY RADAR	POLLOCK, MIKE; ONR313	NONE	TRIAD	NORWAY
N03-38	ADDING SCALE TO THE MODULATION- FREQUENCY TRANSFORM	HAWKINS, HAROLD, ONR CODE 342	UNIV. OF WASHINGTON	CT FOR THE NEURAL BASIS OF HEARING, PHYSIOLOGY DEPT, U OF CAMBRIDGE	UK
N03-45	VERTICAL FULLY DEPLETED SILICON-ON- NOTHING MOS FIELD-EFFECT TRANSISTOR (VFDSOFET) FOR HIGH FREQUENCY, RADIATION-HARD APPLICATIONS	THOMPSON, DR. PHILLIP E.; NRL 6812	NRL	INST OF PHYSICS; EIT 9.2; U OF GERMAN FEDERAL ARMED FORCES MUNICH (UGFAFM)	GERMANY
N03-46	SMALL-SCALE WIND WAVES AND EXCHANGE PROCESSES AT THE SEA SURFACE	HWANG, PAUL A & JOBST, DR. WILLIAM, NRL	NRL/SSC	LAB OF AIR-SEA INTERACTION, INSTITUT DE RECHERCHE SUR LES PHENOMENES HORS EQUILIBRE (IRPHE-IOA)	FRANCE
N03-48	EVALUATION OF OBJECT-ORIENTED SHIP DESIGN TECHNOLOGY	GAGORIK, JAMES; CODE 334; AND MIKE BOSWORTH NAVSEA CODE 05R	NSWC/CD, CDI BAND-LAVIS ASSOC	DEPT OF MECH ENG; U COLLEGE LONDON	UK

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION	INTERNATIONAL INSTITUTION	COUNTRY
Round 9	Sep-02				
N03-51	TURBULENCE PARAMETERS USING AN ADCP	TEMPLE, DR. PAUL R; ONR 321	NUWC	WINFRITH TECHNOLOGY CENTRE; UNIVERSITY OF WALES SCHOOL OF OCEAN SCIENCE	UK
N03-52	RF ARRAY IMAGING USING SPATIAL-SPECTRAL HOLOGRAPHY	POLLOCK, MIKE; ONR313	UNIV OF COLORADO	NL FOUNDATION FOR RADIO ASTRONOMY, CNRS, FRANCE	NETHERLANDS FRANCE
N03-53	HUMPBACK WHALE ACOUSTIC RESEARCH COLLABORATION – AUSTRALIAN HUMPBACK WHALES AND AMBIENT NOISE	GISINER, DR. ROBERT C.; ONR CODE 342	MPL, UCSD, WHOI	MARITIME OPS DIV; DEF S&T ORG (DSTO) + UNIVERSITY OF QUEENSLAND	AUSTRALIA
N03-56	DEVELOPMENT AND VALIDATION OF RANS-BASED MANOEUVERING SIMULATION IN RESTRICTED WATERS	PURTELL, DR. L. PATRICK; ONR 333	UNIVERSITY OF IOWA	FORCE/DMI	DENMARK
N03-57	MICROSCOPIC MECHANISMS FOR SKIN FRICTION REDUCTION BY MICROBUBBLES	PURTELL, DR. L. PATRICK; ONR CODE 333	UNIVERSITY OF MICHIGAN	CT FOR SMART CONTROL OF TURBULENCE; NAT MARITIME RESEARCH INST	JAPAN
N03-58	PYROELECTRIC ALGAN/GAN HEMTS FOR ION-, GAS- AND POLAR-LIQUID SENSORS	WOOD, DR COLIN; ONR	CORNELL	TECH U ILMENAU, CENTER FOR MICRO- AND NANOTECHNOLOGIES	GERMANY
N03-61 (FY02 Award)	VOICE PRINT ID	DR. JIM BUSS, ONR CODE 313	TSWG	QUEENSLAND UNIVERSITY	AUSTRALIA
N03-63	ULTIMATE STRENGTH FAILURE OF LIGHTWEIGHT, MULTI-HULL SHIPS	POTTER, PATRICK; ONR CODE 334	NSWC/CD	DEPT OF NAVAL ARCH & OCEAN ENG, PUSAN NATIONAL U	KOREA
N03-65	COLLECTION & ANALYSIS OF REVERBERATION DAT IN SINGAPORE WATERS	SIMMEN, JEFF, ONR CODE 321	SCIENTIFIC SOLUTIONS INC	NAT'L UNIV OF SINGAPORE	SINGAPORE

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 9			Sep-01
N02-01	Synoptic characterization of SW Atlantic Shelf	Steven Payne, NRL	NRL Stennis
N02-03	Fibers for Active Wear	Carlos sanday, NRL	Natick Soldier's center
N02-04	Long Term Durability of Composites	Yapa Rajaspake, code 334	Stanford Univ
N02-08	Artificial & Natural Bulk & thin film biferroic composites	George Barsoum, code 334	MIT, U maryland, U Minnesota
N02-09	Sediment liquification around an object on the sea floor	Roy Wilkens, code 322	U Hawaii, NRLSSC
N02-11	Quantum Electronic materials & devices	Larry Cooper, code 312	Princeton, NYU, ND,UCLA, Oregon, Scientific research Assoc., Virginia, UT
N02-12	Simulation-based tools to support decsion making in industrial policy...	Steven Linder, code 36	U Michigan
N02-14	Multiple criteria CFD-based opimization for ship design	Patrick Purtell, code 333	U Iowa
N02-15	High performance CFD-based optimization for ship design	Patrick Purtell, code 333	U Iowa
N02-18	Investigation of Near-axial interference effects in long range acoustic prop in ocean	Jeff Simmen, code 321	AOML/NOAA
N02-19	Cross-cultural aeronautical adaptability of the NEO personality inventory	Tanja Blackstone, code 342	NAMRL, NAMI
N02-20	high-homogeneity PMN-PT crystals...	carl Wu, code 33	NUWC
N02-23	Observing the Black sea with profiling floats	Steve Murray, code 322	U washington
N02-24	East Adriatic Coastal Experiment	Steve Murray, code 322	NPGS
N02-25	R&D towards improved operational prediction of tropical cyclone...	Simon Chang, Code 322	NRL Monterey
N02-27	high performance thermoelectric materials with conducting polymer compounds	John pazik, code 331	Clemson
N02-29	3D SAS	Bruce johnson, code 32	Northrup grumman, CSS
N02-32	Beaked whale global distribution and habitat	Bob Gisiner, code 342	SSC, NUWC,
N02-33	large-scale electro-deoxidation of TiO2 (LEDox) for low cost Titanium	Ashraf Imam., NRL	NRL, NSWC
N02-35	Sea truth validation of bio-optical models....	Steven Achleson, code 322	none
N02-36	Formation of crenulated clinoforms on continental shelves	Dawn Lavoie code 322	U Washington, WHOI
N02-43	Synergistic visual, audio and tactile spatial awareness display	LCDR Dylan Schmorrow, Code 342	NAMRL,NPGS

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Universities	Brazil, Uruguay, Argentina
Woolongong, Monash	Australia
Kanazawa Inst.	Japan
U Helsinki	Finland
Nihon University	Japan
Lund University	Sweden
Seoul national University	Korea
INSEAN Italy	Italy
Osaka Prefecture Univ	Japan
St. Petersburg State Marine Tech univ.	Russia
Stress center, CZ, Polish AF Inst.; MOD Croatia;	Poland, Czech rep., Croatia
NUS, Simon Fraser Univ	Singapore, Canada
Middle east tech Univ., Ukranian Academy of science	Turkey, Ukraine
U Zagreb, HO Croatia	Croatia
BOM Australia	Australia
NRC canada	Canada
Univ of canterbury	NZ
Univ of Aberdeen	UK
British Titanium, Cambridge Univ	UK
Plymouth marine lab	UK
CSIC	Spain
Stress center, CZ; Institue of Neurology, BU	Czech rep., Bulgaria

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 8	Sep-00		
N01-02	Two-Dimensional Photonic Bandgap Nanocavity Lasers	Park 312	Univ of TX at Austin
N01-03	Advanced Thermal Management Concepts with Micro-Architected Materials	Fishman 332	Princeton Univ, Univ of VA
N01-06	Improved Data Input Systems for Mine Burial Prediction	Wilkens 322	Geological Survey Menlo Park
N01-07	US/Japan Cooperative Research on Biology-Inspired Precision Maneuvering of Underwater Vehicles	McMullen 342 Gisiner 335	NUWC, Univ of S. Maine
N01-09	Fibers and Fabrics for Active Dressware	Sanday NRL 6303	DARPA-DSO
N01-13	Selection of Applications for Bulk Amorphous Based Materials	Yoder 332	DARPA
N01-14	Porous Media Burners for Clean Gas Turbine Combustion	Roy 333	Univ of Texas
N01-15	Asian Seas International Acoustic Experiment (ASIAEX)	Simmen 321	Georgia Tech, WHOI, Scripps, NRL, Wash Univ, NPS
N01-20	Lattice-Automaton Modelling of Bioturbation and Benthic Activity	Eckman 322	Maine Univ
N01-22	In-Situ Characterization of Aerogel Electrodes	Carlin 331	UCLA
N01-25	Time Frequency Processing for ISAR imaging and NCTI	McNeal 313 Chen NRL	Univ of TX at Austin
N01-27	Wide Band Gap Semiconductors	Wood 312 Freitas NRL 6877	Cornell, Mich Univ, TDI, WVA Univ, Missouri Univ
N01-30	Autonomous Underwater Vehicle Navigation, Information Integration and Communication for Vehicle Operations	McMullen 311	NUWC Newport, ARL TX, NRL SSC
N01-32	Croatian Current Measurements	Payne NRL SSC 7300	NAVOCEANO
N01-33	Long-Term Durability and Damage Tolerance of Innovative Marine Composites	Dr. Rajapakse ONR 334	Stanford University
N01-34	Anomalous Dynamic Failure of Composites and Sandwich Structures	Rajapakse 334	Calif Inst of Tech
N01-41	Organic Light-Emitting-Diodes (OLEDs)	Dr. Kafafi NRL 5615	

s awards.

INTERNATIONAL INSTITUTION	COUNTRY
Advanced Inst of S&T	Korea
Cambridge Univ	UK
Sydney Univ	Australia
Research Institute of Ocean Economics, Tokai Univ, Shinshu Univ RIKEN	Japan
Pisa Univ	Italy
Polytechnique de Grenoble, Cambridge Univ	France UK
Cranfield Univ	UK
National Lab of Acoustics Beijing	China
Southampton Univ	UK
Picardie Jules Verne Univ	France
NDRE FGAN DREA Marconi NATO	Norway Germany Canada Italy Netherlands
Various	Spain, Lithuania, Switzerland, Russia, Germany, Sweden, Ukrains
Fortkey Ltd, Heriot-Watt Univ	UK
IOF	Croatia
Kanazaawa Institute of Technology	Japan
Bath Univ	UK
Technical University of Gdansk	Poland

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 7	Nov-99		
N00-01	Compliant Coating for Turbulence Quieting and Drag Reduction	Purtell, Code 333	NUWC Code 8233
N00-02	Dynamic and Quasi-Static Charge Measurement Probes for Machinery Component Diagnostics	Schmidt, Code 331	Georgia Tech
N00-04	Wear Resistant Bronze Cocomposites for Navy Applications	Pohanka, Code 332	Marine Propulsion Systems, NSWC Carderock
N00-05	Freeform Fabrication of Ceramic Casting by Hot Melt Ink-Jet Printing	Fishman Code 332	
N00-07	Asian Seas International Acoustic Experiment (ASIAEX)	Simmons Code 321	Georgia Inst of Tech, WHOI, APL, MPL, Scripps
N00-11	Long Wavelength IR Sources	Buss, Code 313	NRL Code 5606
N00-12	Low Frequency Array Radio Telescope Engineering Study (LOFAR)	Schwartz Code 7200	NRL Code 7207
N00-14	Development and Validation of Advanced Computational Ship Hydrodynamics	Rood, Code 333	Iowa Inst of Hydraulic Research, NSWC/CD, etc
N00-15	Novel Magneto-Ferroelastic Materials	Barsoum, Code 334	Maryland Univ
N00-19	Carbon Nanotubes for Hydrogen Storage / Fuel Cell Applications	Rath, NRL 6000	
N00-20	Programmable Analog CNN Chips with Polymer Memories	Davis, Code 342	UC Berkeley
N00-24	Atmospheric and Ionospheric Retrievals Using Occultations from the COSMIC Satellite Constellation	McCoy, Code 321	UCAR
N00-27	Focused Collaborative Research on Security and Systems	Wachter, Code 311	Tulane Univ, NRL
N00-31	Improvement of Bearing Strength in Composite Ship Structure Laminates and Joints through the Use of Hybrid Layups	Rajapakse, Code 334	Purdue Univ
N00-36	GaAs Based Multicolor IR Detectors	Park, Code 312	NRL

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Siberian Branch of RAS, Nottingham Univ	Russia UK
Southampton Univ, Stewart Hughes Ltd	UK
John Crane LLIPS-Inc	UK
UMIST	UK
National Lab or Acoustics, Beijing	China
Fiber Optics Research Center, Inst of High Purity Substances	Russia
NL Foundation for Research in Astronomy	Netherlands
Instituto Nazionale per Studi ed Esperienze di Architectura Navale, Denmark Maritime Inst	Italy Denmark
Inst of Magnetism	Ukraine
JST-ICORP Nanotubulites. Meijo Univ	Japan
Hungarian AOS, CECIL, RISOm IMSE-CNM	Hungary, Sweden, Denmark, Spain
Center for Space and Remote Sensing Research	Taiwan
Oxford Univ Computing Lab	UK
CRC-ACS, DSTO, Unive of NSW , Royal Melbourne Inst of Tech	Australia
ETSI Telecommunicacion, Ciudad Univ	Spain

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 6	Jan-99		
N9-23	Korean Coastal Currents	Lou Goodman, Code 32	NAVOCEAN SPAWAR, NRL
N9-24	Sensor Fusion in the Early Wear Regime for CBM	Miribel Soto, Code 33	NRL
N9-25	Long Endurance Sampling via Satellite Communications Using a Solar-powered AUV	Thomas Swean, Code 32	Autonomous Undersea Systems Inst, ViaSat, Inc.
N9-27	US-China Cooperative Research on Optical Properties of the Yellow Sea	Steve Ackleson, Code 32	CHORS/SDSU
N9-28	Yellow Sea Littoral Hyperspectral Imaging Program	Steve Ackleson, Code 32	OSDSPAWAR
N9-29	Cost-effectiveness of REDEEM-enhanced computer-based training	Susan Chipman, Code 34	
N9-30	Fabrication and Properties of Free-standing Nitride Semiconductor Films Deposited by a Novel Low-temperature Technique	Colin Wood, Code 31	NRL
N9-31	Classification of biological underwater sounds in the Mediterranean Sea and study of interactions between sonars and marine mammals	Robert Gisiner, Code 33	Cornell Univ, Inst of Marine Sciences, WHOI
N9-32	High Reynolds Number Turbulence	Patrick Purtell, Code 33	
N9-34	Functionally Graded Metal Matrix Composites via Centrifugal Casting Technique for Superior Wear Resistance	Robert Pohanka, Code 33	NSWC
N9-36	Intelligent adaptation and robust control strategies based on real-time internal models of disturbances, for fully autonomous and fault-tolerant flights in uncertain environment	Allen Moshfegh, Code 35	Univ of CA, Berkeley

s awards.

INTERNATIONAL INSTITUTION	COUNTRY
KORDI	Korea
Wales Univ, DERA Pyestock	UK
Inst for Marine Tech Problems	Russia
First Inst of Oceanography	China
Shanghai Inst of Tech Physics	China
Nottingham Univ	UK
Moscow State Univ, Macquarie Univ	Russia Australia
SACLANT,, Winfrith Tech	Italy/UK
	Belgium
Kagoshima Univ, Materials Science Research Center	Japan
Universita di Roma	Italy

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 5	Jul-98		
N9-02	Ocean and Atmosphere Predictability	Scott Sandathe ONR 322	NRL
N9-03	Digital Image Processing Applied to Passive mm-Wave Imaging	Bill Miceli, ONR 313	
N9-04	Cognitive Task Analysis of Decision Strategies: What are the performance differences between United States Navy & British Navy novices and experts	Joel Davis, ONR 342	NUWC
N9-05	Structural Integrity of Sandwich Construction	Yapa Rajapakse, ONR 334	Florida Atlantic Univ
N9-06	IR Fiber Imager	Jim Buss, ONR 313	NRL
N9-08	Joint NRL-Latvia Research on Harbor Remediation in Liepaja, Latvia	Linda Chrisey, ONR 335	NRL
N9-09	Lagrangian Methods and Predictability in Geophysical Fluid Dynamics	Manny Fiadeiro, ONR 322	Miami Univ
N9-12	Thermal Sprayed Nanostructured VC/Co-base Coatings	Larry Kabacoff, ONR 332	Rutgers Univ
N9-13	Nanostructured Interfaces	Larry Kabacoff, ONR 332	NRL
N9-16	Micromechanics-based Design of Sandwich Panels	Yapa Rajapakse, ONR 334	Northwestern Univ
N9-18	Lumped Josephson Junction Arrays for High Performance Communication, Networking and Radar	Deborah Van Vechten, ONR 312	NIST

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Reading Univ, Pembroke College, ECMWF	UK/France
Reading Univ	UK
DERA Farnborough	UK
Royal Inst of Tech	Sweden
RAS	Russia
Univ of Latvia	Latvia
Hebrew Univ of Jerusalem	Israel
Univ of Witwatersrand	South Africa
National Univ of Singapore, Academia Sinica, RAS	Singapore/Taiwan/ Russia
Cambridge Univ	UK
Twente Univ	The Netherlands

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 4	Jan-98		
N8-46	The Effect of the HIPed Porosity on the Mechanical and Corrosion Properties of Cast Aluminum and Titanium Alloys	A. K. Vasudevan, ONR 332	
N8-48	Large-scale hydrography and historical data studies of the Japan (East) Sea	Steve Ramp, ONR 322	Dr. Lynne Talley, Scripps Institution of Oceanography; Dr. Stephen C. Riser, University of Washington
N8-49	Mesoscale Eddies in the Japan/East Sea: Their Water Mass Structure, Dynamics, and Role in the Basin Scale Circulation	Steve Ramp, ONR 322	Dr. Lynne Talley, Scripps Institution of Oceanography
N8-50	High resolution polarimetric SAR signature extraction and decomposition with application to Navy littoral remote sensing (WIPPS)	Bill Stachnik, ONR 313	Dr. Jong-Sen Lee and Dr. Thomas L. Ainsworth, NRL
N8-53	Polarimetric Interferometry (WIPPS)	Bill Stachnik, ONR 313	Jet Propulsion Lab
N8-58	Exploitation of Ultra Wideband (UWB: 10MHz - 100 GHz: Polarimetric) (WIPPS)	Bill Stachnik, ONR 313	James S. Verdi, NAWCAD Pax River; Dr. Jong-Sen Lee, NRL; Dr. Yun-Jin, Kim, NASA; Dr. Carl E. Baum, AFRL
N8-59	Development of Design Methodologies for Robust, Adaptive, Autonomous Hierarchical Systems	Allen Moshfegh, ONR 351	Prof Shankar Sastry, University of California at Berkeley
N8-62	Superconducting Hot Electron Mixers for Fiber Optics	Deborah Van Vechten, ONR 312	Roman Sobolewski, University of Rochester
N8-64	High-Frequency Sea Floor Acoustic Scattering	Jeffrey Simmen, ONR 321	Eric Thorsos, et. al. APL University of Washington
N8-67	Detection and Mapping of Objects in Shallow Water Using Sonar and Video Sensors on Multiple, Cooperative Autonomous Underwater Vehicles	Tom Curtin, ONR 322	Prof Anthony J. Healey, NPS

s awards.

INTERNATIONAL INSTITUTION	COUNTRY
POSTECH	Korea
DOME	Russia
Pacific Oceanological Inst	Russia
	Denmark/ UK/France
Applied Electromagnetics	UK
SDRE DTU/EMI DLR AEM	Sweden, Denmark Germany UK
Australian National Univ	Australia
Moscow State Pedagogical Univ	Russia
Andreev Acoustics Inst	Russia
Instituto Superior Tecnico	Portugal

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 3			Jul-97
N8-01	Enhanced Magnetic Detection by SQUIDS using Stochastic Resonance	Mike Shlesinger, ONR 331	Adi Bulsara, NRAD D364
N8-04	Evaluation Core-Loc Breakwater Armor Units in South Africa	Linwood Vincent, ONR 32	Dr G Turk, Coastal Engineering Research Center
N8-07	Determination of Drugs of Abuse in Hair and Sweat	Harold Guard, ONR 335 Kidwell NRL	
N8-14	The Response of Wind Ripples to Long Surface Waves - Application to Radar Studies	Marie Colton, ONR Code 321SR	Prof Mark Donelan, RSMAS/U of Miami; Prof V Zakharov, U of Arizona
N8-15	Investigation of the CMR (Colossal Magnetoresistance) LaMnO ₃ -based Compounds as a Material for Magnetic Sensors	Kristl Hathaway, ONR 332 Rubinstein NRL6340	
N8-16	Gallium Nitride Bulk Crystals	Colin Wood, ONR 313	Prof Michael Spencer, Howard University
N8-18	Arctic Shelf/Basin Exchange	Dennis Conlon ONR 322	James Morrison, Polar Science Center - APL
N8-19	Frequency Effects on the Stability of Fatigue Cracks Under Corrosion Environment	A. K. Vasudevan, ONR 332 Sadananda NRL 6323	Dr. K Sadananda, NRL 6323
N8-21	Design of High Density and Neuromorphic CNN Universal Chips as Image Microprocessors	Cliff Lau, ONR 311	Prof Leon Chua, Nonlinear Electronics Lab UC-Berkley
N8-22	Solar Radar Detection of Coronal Mass Ejections (CMEs)	Bob McCoy, ONR 321	Dr. Paul Rodriguez, NRL 6755
N8-24	Reductive Dechlorination of Low-Level Polychlorinated Biphenols (PCBs) in Marine Sediments	Anna Palmisano, ONR 335	Asst Prof Kevin Sowers, U MD; Asst Prof Harold May, Medical U SC
N8-27	A Model for Littoral Bottom Characterization Through Sunlight Imaging	Steve Ackleson ONR 322	Gary Gilbert, Stephen Stewart, Jon Schoonmaker, NRAd
N8-28	Development of a Low Cost, Air-Deployable Buoy for Use in the Arctic and Antarctic	Tom Curtin ONR 322	David Benner, NIC; John Brown NAVO; Bill Ferrara, NISE East
N8-31	Coastal Benthic Boundary Layer/Benthic Acoustics DRI	Jeffrey Simmen, ONR 321 Richardson NRL7431	
N8-33	High-performance Non-equilibrium Normal-metal/Superconductor X-ray/UV Detectors	Deborah Van Vechten 312 Wood NRL 7621	
N8-35	Active Combustion Control Using Electric Discharge	Gabriel Roy ONR333	Dr Ken Yu, Dr. Klaus Schadow, NAWCWD
N8-39	The Relationship Between Fracture Toughness and Microstructural Features As Quantified by Fractal Geometry in TiAl Composites	Steven Fishman 332	Prof J. Mecholsky, UFL
N8-40	Advanced Thermal Treatment Using Active Combustion Control (ATTACC) Technology	Ron Demarco, ONR33	Klaus Schadow \NAWC, Dr Randy Seeker (EER), Dr. Tim Parr (NAWCWPNS), Dr Gene Nolting (NSWCCD)

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Universita degli Studi di Perugia	Italy
CSIR	South Africa
Univ of Athens	Greece
KNMI MHI	Netherlands, Ukraine
Moscow State Steel & Alloys Institute	Russia
CGRC	Russia
AARI	Russia
Univ of Bodenkultur	Austria
National Microelectronics Center	Spain
NIRFI Inst of Radio Astronomy	Russia Ukraine
SINTEF	Norway
Inst Applied Physics, Inst of Oceanology	Russia
AARI	Russia
British Geological Survey	UK
National Academy of Sciences	Armenia
RAS	Russia
Imperial College	UK
TeamTec	Norway

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Round 2	Jan-97		
N6-54	Automated Wear Particle Analysis	Bob Pohanka, ONR 33 Reintjes NRL 5600	Boris Kovalerchuk, LSU
N6-64	Self-tuning Mechanisms for Improving the accuracy of TeraOPS CNN Universal Chips as Image Processors	Nick Bottka/Joel Davis 342	Prof Leon Chua, & Prof Frank Werblin UC Berkeley
N6-70	Nearshore Dynamics	Tom Kinder ONR 321	Various
N6-71	Wide Bandwidth. Low Coist Optical Modulators for Remote RF links in Naval Platforms	Ken Wynne, ONR 331	Geoffrey Lindsay, NAWCWD CL
N6-78	Theoretical and Experimental Investigations of Dielectric Losses in Ferroelectric Thin Film Structures used for Tuneable Microwave Applications	Deborah Van Vechten ONR 312	Jeffrey Pond, NRL 6851
N6-79	Superconducting Hot Electron Mixers for Fiber Optics	Deborah Van Vechten ONR 312	Roman Sobolewski, U Rochester
N6-90	Internal Wave and Reverberation Characteristics Deduced from Recent Acoustic Measurements in the Yellow Sea	Jeff Simmen, ONR 321	Ji-Xun Zhou, Ga Inst Tech, Ga
N6-97	Exploitation of Polarimetric Target Decomposition for Coastal Remote Sensing	Dennis Trizna 321 William Stachnik 313 Keramidal NRL 7260	Dr Jong-Sen Lee, NRL 7263

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Univ College Swansea	UK
Inst of Hungarian Academy of Sciences	Hungary
Various	Netherlands
Tokyo Univ of Agriculture and Tech	Japan
	Russia/Sweden
Moscow State Pedagogical Univ	Russia
Chinese Academy of Science	China
DDRE Copenhagen; Applied Electro-magnetics UK	Denmark/UK

NICOP AWARDS: JUL 1996

Click tab on bottom of page for a particular year's

#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 1	Jul-96		
N6-12	Non Linear Analysis of Neuronal Cells Behavior	Joel Davis ONR342 Joel Schnur NRL6900	
N6-14	Sonovision	Wally Smith, Code 332	Navy EOD Tech Center
N6-17	Atmospheric Propagation Analysis (APA Program)	Steve Ackleson, Code 322	Rowena Carlson, NCCSOC 754
N6-18	Modelling of Electron Cyclotron Resonance Plasmas	Conlon Code 322	Wally Manheimer NRL6707
N6-21	Special Technique for Laser Patterning of Large Area High Temperature Superconductor Thin Films	Deborah Van Vechten, ONR 312	Jim Horwitz, NRL 6670
N6-24	Solar Powered AUVs; Sampling Systems for the 21st Century	Thomas Swean, Code 321	Autonomous Undersea Systems Institute
N6-25	Advanced Permanent Magnets	Kristl Hathaway, Code 332	Dr. James R. Cullen, NSW Carderrock
N6-29	Small-Scale Acoustic Tomography in a Bubbly Medium	Jeff Simmen, Code 321	Jerald Caruthers, NRL/SSC
N6-31	Optimization of Parameters of Non-Equilibrium X- ray/UV Detectors	Deborah Van Vechten, ONR 312 Kent Wood NRL7621	
N6-32	Hierarchical Feild Model of Hippocampus for Pattern Recognition	Joel Davis, ONR 342	Ted Berger, USC
N6-33	Rare-Earth Ion Halide Crystal Growth and Their Optical Characteristics Investigation	Ingham Mack, Code 312 Feldman NRL 5640	Barry Feldman, NRL 5640
N6-34	Integration of Fabric Reinforced Thermoplastics into the Glass-Mat Thermoplastic (GMT) Moulding Process	Jim Kelly, Code 332 Roger Crane NRL	Dr. Jack Gillespie NSW Carderock
N6-42	Flight Tests of a C-130 Mounted Counterflow Virtual Impactor	Robert Bluth, Code 321	John Seinfeld, CIT
N6-44	Study of Turbulent Flame Stabilization and Combustion Control	Gabriel Roy, Code 333	Prof. Steven Frankel, University of California, San Diego
N6-46	Deployment of Ocean Explorer and Autosub in Scottish Waters for Langmuir Cells and Internal Wave Study	Tom Curtin, Code 322	Dr Edgar An et al , Florida Atlantic University

awards.

INTERNATIONAL INSTITUTION	COUNTRY
Institut Pasteur	France
Andreyev Acoustics Inst	Russia
TNO	Netherlands
St. Petersburg Tech Univ	Russia
National Academy of Sciences	Armenia
Inst for Marine Tech Problems	Russia
Trinity College	Ireland
Inst of Applied Physics, RAS	Russia
Lab of High Temp Superconductivity, NAS	Armenia
Institut de Biologie Theorique	France
Lab of Crystal Optics	Armenia
University College Galway	Ireland
Univ of Stockholm	UK
N.N.Semenov Inst of Chemical Physics	Russia
Southampton Oceanography Center	UK

NICOP AWARDS HISTORY FY97-

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#	PROJECT TITLE	ONR/NRL PROGRAM MANAGER	US INSTITUTION
Round 1	Jul-96		
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Round 2	Jan-97		
N6-54	Automated Wear Particle Analysis	Bob Pohanka, ONR 33 Reintjes NRL 5600	Boris Kovalerchuk, LSU
N6-64	Self-tuning Mechanisms for Improving the accuracy of TeraOPS CNN Universal Chips as Image Processors	Nick Bottka/Joel Davis 342	Prof Leon Chua, & Prof Frank Werblin UC Berkeley
N6-70	Nearshore Dynamics	Tom Kinder ONR 321	Various
N6-71	Wide Bandwidth. Low Coist Optical Modulators for Remote RF links in Naval Platforms	Ken Wynne, ONR 331	Geoffrey Lindsay, NAWCWD CL
N6-78	Theoretical and Experimental Investigations of Dielectric Losses in Ferroelectric Thin Film Structures used for Tuneable Microwave Applications	Deborah Van Vechten ONR 312	Jeffrey Pond, NRL 6851
N6-79	Superconducting Hot Electron Mixers for Fiber Optics	Deborah Van Vechten ONR 312	Roman Sobolewski, U Rochester

N6-90	Internal Wave and Reverberation Characteristics Deduced from Recent Acoustic Measurements in the Yellow Sea	Jeff Simmen, ONR 321	Ji-Xun Zhou, Ga Inst Tech, Ga
N6-97	Exploitation of Polarimetric Target Decomposition for Coastal Remote Sensing	Dennis Trizna 321 William Stachnik 313 Keramidal NRL 7260	Dr Jong-Sen Lee, NRL 7263
Round 3	Jul-97		
N8-01	Enhanced Magnetic Detection by SQUIDS using Stochastic Resonance	Mike Shlesinger, ONR 331	Adi Bulsara, NRAD D364
N8-04	Evaluation Core-Loc Breakwater Armor Units in South Africa	Linwood Vincent, ONR 32	Dr G Turk, Coastal Engineering Research Center
N8-07	Determination of Drugs of Abuse in Hair and Sweat	Harold Guard, ONR 335 Kidwell NRL	
N8-14	The Response of Wind Ripples to Long Surface Waves - Application to Radar Studies	Marie Colton, ONR Code 321SR	Prof Mark Donelan, RSMAS/U of Miami; Prof V Zakharov, U of Arizona
N8-15	Investigation of the CMR (Colossal Magnetoresistance) LaMnO3-based Compounds as a Material for Magnetic Sensors	Kristl Hathaway, ONR 332 Rubinstein NRL6340	
N8-16	Gallium Nitride Bulk Crystals	Colin Wood, ONR 313	Prof Michael Spencer, Howard University
N8-18	Arctic Shelf/Basin Exchange	Dennis Conlon ONR 322	James Morrison, Polar Science Center - APL
N8-19	Frequency Effects on the Stability of Fatigue Cracks Under Corrosion Environment	A. K. Vasudevan, ONR 332 Sadananda NRL 6323	Dr. K Sadananda, NRL 6323
N8-21	Design of High Density and Neuromorphic CNN Universal Chips as Image Microprocessors	Cliff Lau, ONR 311	Prof Leon Chua, Nonlinear Electronics Lab UC-Berkley
N8-22	Solar Radar Detection of Coronal Mass Ejections (CMEs)	Bob McCoy, ONR 321	Dr. Paul Rodriguez, NRL 6755
N8-24	Reductive Dechlorination of Low-Level Polychlorinated Biphenols (PCBs) in Marine Sediments	Anna Palmisano, ONR 335	Asst Prof Kevin Sowers, U MD; Asst Prof Harold May, Medical U SC
N8-27	A Model for Littoral Bottom Characterization Through Sunlight Imaging	Steve Ackleson ONR 322	Gary Gilbert, Stephen Stewart, Jon Schoonmaker, NRaD
N8-28	Development of a Low Cost, Air-Deployable Buoy for Use in the Arctic and Antarctic	Tom Curtin ONR 322	David Benner, NIC; John Brown NAVO; Bill Ferrara, NISE East
N8-31	Coastal Benthic Boundary Layer/Benthic Acoustics DRI	Jeffrey Simmen, ONR 321 Richardson NRL7431	
N8-33	High-performance Non-equilibrium Normal-metal/Superconductor X-ray/UV Detectors	Deborah Van Vechten 312 Wood NRL 7621	
N8-35	Active Combustion Control Using Electric Discharge	Gabriel Roy ONR333	Dr Ken Yu, Dr. Klaus Schadow, NAWCWD
N8-39	The Relationship Between Fracture Toughness and Microstructural Features As Quantified by Fractal Geometry in TiAl Composites	Steven Fishman 332	Prof J. Mecholsky, UFL
N8-40	Advanced Thermal Treatment Using Active Combustion Control (ATTACC) Technology	Ron Demarco, ONR33	Klaus Schadow \NAWC, Dr Randy Seeker (EER), Dr. Tim Parr (NAWCWPNS), Dr Gene Nolting (NSWCCD)
Round 4	Jan-98		
N8-46	The Effect of the HIPed Porosity on the Mechanical and Corrosion Properties of Cast Aluminum and Titanium Alloys	A. K. Vasudevan, ONR 332	

N8-48	Large-scale hydrography and historical data studies of the Japan (East) Sea	Steve Ramp, ONR 322	Dr. Lynne Talley, Scripps Institution of Oceanography; Dr. Stephen C. Riser, University of Washington
N8-49	Mesoscale Eddies in the Japan/East Sea: Their Water Mass Structure, Dynamics, and Role in the Basin Scale Circulation	Steve Ramp, ONR 322	Dr. Lynne Talley, Scripps Institution of Oceanography
N8-50	High resolution polarimetric SAR signature extraction and decomposition with application to Navy littoral remote sensing (WIPPS)	Bill Stachnik, ONR 313	Dr. Jong-Sen Lee and Dr. Thomas L. Ainsworth, NRL
N8-53	Polarimetric Interferometry (WIPPS)	Bill Stachnik, ONR 313	Jet Propulsion Lab
N8-58	Exploitation of Ultra Wideband (UWB: 10MHz - 100 GHz: Polarimetric) (WIPPS)	Bill Stachnik, ONR 313	James S. Verdi, NAWCAD Pax River; Dr. Jong-Sen Lee, NRL; Dr. Yun-Jin, Kim, NASA; Dr. Carl E. Baum, AFRL
N8-59	Development of Design Methodologies for Robust, Adaptive, Autonomous Hierarchical Systems	Allen Moshfegh, ONR 351	Prof Shankar Sastry, University of California at Berkeley
N8-62	Superconducting Hot Electron Mixers for Fiber Optics	Deborah Van Vechten, ONR 312	Roman Sobolewski, University of Rochester
N8-64	High-Frequency Sea Floor Acoustic Scattering	Jeffrey Simmen, ONR 321	Eric Thorsos, et. al. APL University of Washington
N8-67	Detection and Mapping of Objects in Shallow Water Using Sonar and Video Sensors on Multiple, Cooperative Autonomous Underwater Vehicles	Tom Curtin, ONR 322	Prof Anthony J. Healey, NPS
Round 5	Jul-98		
N9-02	Ocean and Atmosphere Predictability	Scott Sandathe ONR 322	NRL
N9-03	Digital Image Processing Applied to Passive mm-Wave Imaging	Bill Miceli, ONR 313	
N9-04	Cognitive Task Analysis of Decision Strategies: What are the performance differences between United States Navy & British Navy novices and experts	Joel Davis, ONR 342	NUWC
N9-05	Structural Integrity of Sandwich Construction	Yapa Rajapakse, ONR 334	Florida Atlantic Univ
N9-06	IR Fiber Imager	Jim Buss, ONR 313	NRL
N9-08	Joint NRL-Latvia Research on Harbor Remediation in Liepaja, Latvia	Linda Chrisey, ONR 335	NRL
N9-09	Lagrangian Methods and Predictability in Geophysical Fluid Dynamics	Manny Fiadeiro, ONR 322	Miami Univ
N9-12	Thermal Sprayed Nanostructured VC/Co-base Coatings	Larry Kabacoff, ONR 332	Rutgers Univ
N9-13	Nanostructured Interfaces	Larry Kabacoff, ONR 332	NRL
N9-16	Micromechanics-based Design of Sandwich Panels	Yapa Rajapakse, ONR 334	Northwestern Univ
N9-18	Lumped Josephson Junction Arrays for High Performance Communication, Networking and Radar	Deborah Van Vechten, ONR 312	NIST
Round 6	Jan-99		
N9-23	Korean Coastal Currents	Lou Goodman, Code 32	NAVOCEAN SPAWAR, NRL

N9-24	Sensor Fusion in the Early Wear Regime for CBM	Miribel Soto, Code 33	NRL
N9-25	Long Endurance Sampling via Satellite Communications Using a Solar-powered AUV	Thomas Swean, Code 32	Autonomous Undersea Systems Inst, ViaSat, Inc.
N9-27	US-China Cooperative Research on Optical Properties of the Yellow Sea	Steve Ackleson, Code 32	CHORS/SDSU
N9-28	Yellow Sea Littoral Hyperspectral Imaging Program	Steve Ackleson, Code 32	OSDSPAWAR
N9-29	Cost-effectiveness of REDEEM-enhanced computer-based training	Susan Chipman, Code 34	
N9-30	Fabrication and Properties of Free-standing Nitride Semiconductor Films Deposited by a Novel Low-temperature Technique	Colin Wood, Code 31	NRL
N9-31	Classification of biological underwater sounds in the Mediterranean Sea and study of interactions between sonars and marine mammals	Robert Gisiner, Code 33	Cornell Univ, Inst of Marine Sciences, WHOI
N9-32	High Reynolds Number Turbulence	Patrick Purtell, Code 33	
N9-34	Functionally Graded Metal Matrix Composites via Centrifugal Casting Technique for Superior Wear Resistance	Robert Pohanka, Code 33	NSWC
N9-36	Intelligent adaptation and robust control strategies based on real-time internal models of disturbances, for fully autonomous and fault-tolerant flights in uncertain environment	Allen Moshfegh, Code 35	Univ of CA, Berkeley
Round 7	Nov-99		
N00-01	Compliant Coating for Turbulence Quieting and Drag Reduction	Purtell, Code 333	NUWC Code 8233
N00-02	Dynamic and Quasi-Static Charge Measurement Probes for Machinery Component Diagnostics	Schmidt, Code 331	Georgia Tech
N00-04	Wear Resistant Bronze Coposites for Navy Applications	Pohanka, Code 332	Marine Propulsion Systems, NSWC Carderock
N00-05	Freeform Fabrication of Ceramic Casting by Hot Melt Ink-Jet Printing	Fishman Code 332	
N00-07	Asian Seas International Acoustic Experiment (ASIAEX)	Simmons Code 321	Georgia Inst of Tech, WHOI, APL, MPL, Scripps
N00-11	Long Wavelength IR Sources	Buss, Code 313	NRL Code 5606
N00-12	Low Frequency Array Radio Telescope Engineering Study (LOFAR)	Schwartz Code 7200	NRL Code 7207
N00-14	Development and Validation of Advanced Computational Ship Hydrodynamics	Rood, Code 333	Iowa Inst of Hydraulic Research, NSWC/CD, etc
N00-15	Novel Magneto-Ferroelastic Materials	Barsoum, Code 334	Maryland Univ
N00-19	Carbon Nanotubes for Hydrogen Storage / Fuel Cell Applications	Rath, NRL 6000	
N00-20	Programmable Analog CNN Chips with Polymer Memories	Davis, Code 342	UC Berkeley
N00-24	Atmospheric and Ionospheric Retrievals Using Occultations from the COSMIC Satellite Constellation	McCoy, Code 321	UCAR

N00-27	Focused Collaborative Research on Security and Systems	Wachter, Code 311	Tulane Univ, NRL
N00-31	Improvement of Bearing Strength in Composite Ship Structure Laminates and Joints through the Use of Hybrid Layups	Rajapakse, Code 334	Purdue Univ
N00-36	GaAs Based Multicolor IR Detectors	Park, Code 312	NRL
Round 8	Sep-00		
N01-02	Two-Dimensional Photonic Bandgap Nanocavity Lasers	Park 312	Univ of TX at Austin
N01-03	Advanced Thermal Management Concepts with Micro-Architected Materials	Fishman 332	Princeton Univ, Univ of VA
N01-06	Improved Data Input Systems for Mine Burial Prediction	Wilkens 322	Geological Survey Menlo Park
N01-07	US/Japan Cooperative Research on Biology-Inspired Precision Maneuvering of Underwater Vehicles	McMullen 342 Gisiner 335	NUWC, Univ of S. Maine
N01-09	Fibers and Fabrics for Active Dressware	Sanday NRL 6303	DARPA-DSO
N01-13	Selection of Applications for Bulk Amorphous Based Materials	Yoder 332	DARPA
N01-14	Porous Media Burners for Clean Gas Turbine Combustion	Roy 333	Univ of Texas
N01-15	Asian Seas International Acoustic Experiment (ASIAEX)	Simmen 321	Georgia Tech, WHOI, Scripps, NRL, Wash Univ, NPS
N01-20	Lattice-Automaton Modelling of Bioturbation and Benthic Activity	Eckman 322	Maine Univ
N01-22	In-Situ Characterization of Aerogel Electrodes	Carlin 331	UCLA
N01-25	Time Frequency Processing for ISAR imaging and NCTI	McNeal 313 Chen NRL	Univ of TX at Austin
N01-27	Wide Band Gap Semiconductors	Wood 312 Freitas NRL 6877	Cornell, Mich Univ, TDI, WVA Univ, Missouri Univ
N01-30	Autonomous Underwater Vehicle Navigation, Information Integration and Communication for Vehicle Operations	McMullen 311	NUWC Newport, ARL TX, NRL SSC
N01-32	Croatian Current Measurements	Payne NRL SSC 7300	NAVOCEANO
N01-33	Long-Term Durability and Damage Tolerance of Innovative Marine Composites	Dr. Rajapakse ONR 334	Stanford University
N01-34	Anomalous Dynamic Failure of Composites and Sandwich Structures	Rajapakse 334	Calif Inst of Tech
N01-41	Organic Light-Emitting-Diodes (OLEDs)	Dr. Kafafi NRL 5615	
Round 9	Sep-01		
N02-01	Synoptic characterization of SW Atlantic Shelf	Steven Payne, NRL	NRL Stennis
N02-03	Fibers for Active Wear	Carlos sanday, NRL	Natick Soldier's center
N02-04	Long Term Durability of Composites	Yapa Rajaspake, code 334	Stanford Univ
N02-08	Artificial & Natural Bulk & thin film biferroic composites	George Barsoum, code 334	MIT, U maryland, U Minnesota
N02-09	Sediment liquification around an object on the sea floor	Roy Wilkens, code 322	U Hawaii, NRLSSC

N02-11	Quantum Electronic materials & devices	Larry Cooper, code 312	Princeton, NYU, ND,UCLA, Oregon, Scientific research Assoc., Virginia, UT
N02-12	Simulation-based tools to support decision making in industrial policy...	Steven Linder, code 36	U Michigan
N02-14	Multiple criteria CFD-based optimization for ship design	Patrick Purtell, code 333	U Iowa
N02-15	High performance CFD-based optimization for ship design	Patrick Purtell, code 333	U Iowa
N02-18	Investigation of Near-axial interference effects in long range acoustic prop in ocean	Jeff Simmen, code 321	AOML/NOAA
N02-19	Cross-cultural aeronautical adaptability of the NEO personality inventory	Tanja Blackstone, code 342	NAMRL, NAMI
N02-20	high-homogeneity PMN-PT crystals...	carl Wu, code 33	NUWC
N02-23	Observing the Black sea with profiling floats	Steve Murray, code 322	U washington
N02-24	East Adriatic Coastal Experiment	Steve Murray, code 322	NPGS
N02-25	R&D towards improved operational prediction of tropical cyclone...	Simon Chang, Code 322	NRL Monterey
N02-27	high performance thermoelectric materials with conducting polymer compounds	John pazik, code 331	Clemson
N02-29	3D SAS	Bruce johnson, code 32	Northrup grumman, CSS
N02-32	Beaked whale global distribution and habitat	Bob Gisiner, code 342	SSC, NUWC,
N02-33	large-scale electro-deoxidation of TiO2 (LEDOX) for low cost Titanium	Ashraf Imam., NRL	NRL, NSWC
N02-35	Sea truth validation of bio-optical models....	Steven Achleson, code 322	none
N02-36	Formation of crenulated clinofolds on continental shelves	Dawn Lavoie code 322	U Washington, WHOI
N02-43	Synergistic visual, audio and tactile spatial awareness display	LCDR Dylan Schmorow, Code 342	NAMRL,NPGS

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INTERNATIONAL INSTITUTION	COUNTRY
Institut Pasteur	France
Andreyev Acoustics Inst	Russia
TNO	Netherlands
St. Petersburg Tech Univ	Russia
National Academy of Sciences	Armenia
Inst for Marine Tech Problems	Russia
Trinity College	Ireland
Inst of Applied Physics, RAS	Russia
Lab of High Temp Superconductivity, NAS	Armenia
Institut de Biologie Theorique	France
Lab of Crystal Optics	Armenia
University College Galway	Ireland
Univ of Stockholm	UK
N.N.Semenov Inst of Chemical Physics	Russia
Southampton Oceanography Center	UK
Univ College Swansea	UK
Inst of Hungarian Academy of Sciences	Hungary
Various	Netherlands
Tokyo Univ of Agriculture and Tech	Japan
	Russia/Sweden
Moscow State Pedagogical Univ	Russia

Chinese Academy of Science	China
DDRE Copenhagen; Applied Electro-magnetics UK	Denmark/UK
Universita degli Studi di Perugia	Italy
CSIR	South Africa
Univ of Athens	Greece
KNMI MHI	Netherlands, Ukraine
Moscow State Steel & Alloys Institute	Russia
CGRC	Russia
AARI	Russia
Univ of Bodenkultur	Austria
National Microelectronics Center	Spain
NIRFI Inst of Radio Astronomy	Russia Ukraine
SINTEF	Norway
Inst Applied Physics, Inst of Oceanology	Russia
AARI	Russia
British Geological Survey	UK
National Academy of Sciences	Armenia
RAS	Russia
Imperial College	UK
TeamTec	Norway
POSTECH	Korea

DOME	Russia
Pacific Oceanological Inst	Russia
	Denmark/ UK/France
Applied Electromagnetics	UK
SDRE DTU/EMI DLR AEM	Sweden, Denmark Germany UK
Australian National Univ	Australia
Moscow State Pedagogical Univ	Russia
Andreev Acoustics Inst	Russia
Instituto Superior Tecnico	Portugal
Reading Univ, Pembroke College, ECMWF	UK/France
Reading Univ	UK
DERA Farnborough	UK
Royal Inst of Tech	Sweden
RAS	Russia
Univ of Latvia	Latvia
Hebrew Univ of Jerusalem	Israel
Univ of Witwatersrand	South Africa
National Univ of Singapore, Academia Sinica, RAS	Singapore/Taiwan/ Russia
Cambridge Univ	UK
Twente Univ	The Netherlands
KORDI	Korea

Wales Univ, DERA Pyestock	UK
Inst for Marine Tech Problems	Russia
First Inst of Oceanography	China
Shanghai Inst of Tech Physics	China
Nottingham Univ	UK
Moscow State Univ, Macquarie Univ	Russia Australia

SACLANT,, Winfrith Tech	Italy/UK
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	Belgium
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Kagoshima Univ, Materials Science Research Center	Japan
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Universita di Roma	Italy
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Siberian Branch of RAS, Nottingham Univ	Russia UK
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Southampton Univ, Stewart Hughes Ltd	UK
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John Crane LLIPS-Inc	UK
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UMIST	UK
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National Lab or Acoustics, Beijing	China
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Fiber Optics Research Center, Inst of High Purity Substances	Russia
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NL Foundation for Research in Astronomy	Netherlands
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Instituto Nazionale per Studi ed Esperienze di Architettura Navale, Denmark Maritime Inst	Italy Denmark
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Inst of Magnetism	Ukraine
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JST-ICORP Nanotubulites. Meijo Univ	Japan
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Hungarian AOS, CECIL, RISOm IMSE-CNM	Hungary, Sweden, Denmark, Spain
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Center for Space and Remote Sensing Research	Taiwan
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Oxford Univ Computing Lab	UK
CRC-ACS, DSTO, Unive of NSW , Royal Melbourne Inst of Tech	Australia
ETSI Telecommunicacion, Ciudad Univ	Spain
Advanced Inst of S&T	Korea
Cambridge Univ	UK
Sydney Univ	Australia
Research Institute of Ocean Economics, Tokai Univ, Shinshu Univ RIKEN	Japan
Pisa Univ	Italy
Polytechnique de Grenoble, Cambridge Univ	France UK
Cranfield Univ	UK
National Lab of Acoustics Beijing	China
Southampton Univ	UK
Picardie Jules Verne Univ	France
NDRE FGAN DREA Marconi NATO	Norway Germany Canada Italy Netherlands
Various	Spain, Lithuania, Switzerland, Russia, Germany, Sweden, Ukrains
Fortkey Ltd, Heriot-Watt Univ	UK
IOF	Croatia
Kanazaawa Institute of Technology	Japan
Bath Univ	UK
Technical University of Gdansk	Poland
Universities	Brazil, Uruguay, Argentina
Woolongong, Monash Kanazawa Inst.	Australia Japan
U Helsinki	Finland
Nihon University	Japan

Lund University	Sweden
Seoul national University	Korea
INSEAN Italy	Italy
Osaka Prefecture Univ	Japan
St. Petersburg State Marine Tech univ.	Russia
Stress center, CZ, Polish AF Inst.; MOD Croatia;	Poland, Czech rep., Croatia
NUS, Simon Fraser Univ	Singapore, Canada
Middle east tech Univ., Ukranian Academy of science	Turkey, Ukraine
U Zagreb, HO Croatia	Croatia
BOM Australia	Australia
NRC canada	Canada
Univ of canterbury	NZ
Univ of Aberdeen	UK
British Titanium, Cambridge Univ	UK
Plymouth marine lab	UK
CSIC	Spain
Stress center, CZ; Institue of Neurology, BU	Czech rep., Bulgaria